

## **A VIDEO BASED HANDWRITING RECOGNITION SYSTEM AND METHOD**

### **ABSTRACT OF THE DISCLOSURE**

**[0033]** A system and method of on-line handwriting recognition includes screen pen data to be combined with other information obtained through the usage of built-in digital camera, such as pen tilt parameter information. The method and system provide a low-cost solution for achieving better handwriting recognition quality for consumer platforms such as PDA. Camera being built-in does not increase the cost of the solution – the only added component is software-based pattern recognition algorithm that extracts non screen-related pen information.